



1FW
2/16/05
Attorney Docket No. 50277-1763

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sashikanth Chandrasekaran, et al.) Confirmation No.: 2140
Serial No.: 10/056,716) Examiner: Te Y. Chen
Filed on: January 22, 2002) Group Art Unit No.: 2171-2161

For: SEMANTIC RESPONSE TO LOCK REQUESTS
TO REDUCE COHERENCE OVERHEAD IN
IN MULTI-NODE SYSTEMS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DISCLOSURE PURSUANT TO 37 CFR §1.56
OF RELATED APPLICATION(S)

Sir:

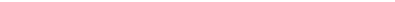
Applicant(s) would like to bring to the Examiner's attention that the following applications,

NYC

9/22/05

U.S. Application/ Pat. No.	File Date	Atty. Docket. No.
Serial No. 09/746,580	12/20/2000	50277-0410
Serial No. 09/798,618	03/01/2001	50277-1593
Serial No. 09/798,617	03/01/2001	50277-1588
Serial No. 09/871,853	05/31/2001	50277-1653
Serial No. 10/092,047	03/04/2002	50277-1776
Serial No. 10/091,618	03/04/2002	50277-1725
Serial No. 10/435,229	05/09/2003	50277-2200

referred to as the "related applications", contain subject matter that is related to the subject matter of the present application. The related applications may contain one or more claims that are substantially similar to one or more claims in the present application, and those claims may have been rejected in the related applications. Therefore, the Examiner is encouraged to review

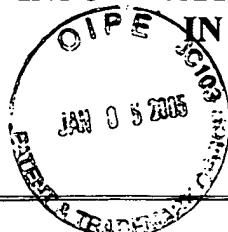
Examiner Signature		Date Considered <u>9/20/05</u>	
-----------------------	---	-----------------------------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(PTO-1449)**



ATTY. DOCKET NO.
50277-1763

SERIAL NO.
10/056,716

APPLICANT:
Sashikanth Chandrasekaran, et al.

FILING DATE:
January 22, 2002

GROUP:
21712161

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
YJC	2004/0225742	A1		Loaiza, et al	11/11/2004	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner
Signature

Date Considered
9/21/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Attorney Docket No. 50277-1763

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sashikanth Chandrasekaran, et al.) Confirmation No.: 2140
Serial No.: 10/056,716) Examiner: Te Y. Chen
Filed on: January 22, 2002) Group Art Unit No.: 2161

For: SEMANTIC RESPONSE TO LOCK REQUESTS TO REDUCE COHERENCE
OVERHEAD IN MULTI-NODE SYSTEMS

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form, if needed. It is respectfully requested that the cited documents be considered and that the enclosed Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

X 37 C.F.R. §1.97(b).

 37 C.F.R. §1.97(c). If so, then this Information Disclosure Statement includes one of the following:

 A statement pursuant to 37 C.F.R. §1.97(e)

The Examiner is hereby notified that the present application is related to the following related application(s):

DISCLOSURE OF RELATED APPLICATIONS

U.S. Application/ Pat. No.	File Date	Atty. Docket. No.

The related application(s) may contain subject matter that is related to the subject matter of the present application. The related application(s) may contain one or more claims that may be substantially similar to one or more claims in the present application, and those claims may have been rejected in the related application(s). Therefore, the Examiner is encouraged to review the file history(ies) of the related application(s) as some of the information contained therein may be material to the examination of the present application.

X

The Examiner is hereby notified that for the following related application(s) an Office Action has been received as indicated below:

DISCLOSURE OF OFFICE ACTIONS

U.S. Application/ Pat. No.	File Date	Office Action Mailing Date	Atty. Docket. No.
10/092,047	03/04/2002	03/09/2005	50277-1776

3/22/05

The related application(s) may contain one or more claims that may be substantially similar to one or more claims in the present application, and those claims may have been rejected in the related application(s). Therefore, the Examiner is encouraged to review the file history(ies) of the related application(s) as some of the information contained therein may be material to the examination of the present application.

Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)		ATTY. DOCKET NO. 50277-1763	SERIAL NO. 10/056,716
		APPLICANT: Sashikanth Chandrasekaran, et al.	
		FILING DATE: January 22, 2002	GROUP: 2161

U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
JUL 05 2005 PTENT & TRADEMARK OFFICE O I P E J C T 18		4,438,494		Budde et al.	03-01-1984	Text Provided on CD-ROM (11 Refs).
		5,524,205		Lomet et al.	06-01-1996	
		5,933,838		Lomet	08-01-1999	
		5,966,706		Biliris et al.	10-01-1999	
		6,067,550		Lomet	05-01-2000	
		6,151,607		Lomet	11-01-2000	
		6,374,264	B1	Bohannon et al.	04-01-2002	
		6,434,555	B1	Frolund et al.	08-01-2002	
		6,449,623	B1	Bohannon et al.	09-01-2002	
		6,490,594	B1	Lomet	12-03-2002	
		6,816,873	B2	Cotner et al.	11-01-2004	

FOREIGN PATENT DOCUMENTS							
Exam. Initial*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				

OTHER ART – NO PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			Translation ²

Examiner Signature	<i>Ye Yu Chen</i>	Date Considered	9/22/05
--------------------	-------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 50277-1763	SERIAL NO. 10/056,716	
				APPLICANT: Sashikanth Chandrasekaran, et al.		
				FILING DATE: January 22, 2002	GROUP: 2171-2161	
U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
						RECEIVED
						JUL 14 2004
						Technology Center 2100

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	³
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

OTHER ART – NO PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				Translation ²
<i>JJC</i>		Lory D. Molesky et al., "Database Locking Protocols for Large-Scale Cache-Coherent Shared Memory Multiprocessors: Design, Implementation and Performance," June 6, 1995, pp. 1-24.				
<i>✓</i>		Lory D. Molesky et al., "Efficient Locking for Shared Memory Database Systems," March 1994, 28 pages.				

Examiner Signature	<i>Ye Ju Chen</i>	Date Considered	<i>9/21/05</i>
-----------------------	-------------------	-----------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

A circular library stamp with the word 'CATION' at the top. The letters 'OIPE' are in the center, with '49)' to the left and 'J.C.' to the right. The date 'MAR 10 2005' is in the center. The bottom arc of the stamp contains the text 'PROPERTY OF THE STATE LIBRARY'.

ATTY. DOCKET NO.
50277-1763

SERIAL NO.
10/056.716

APPLICANT:
Sashikanth Chandrasekaran, et al.

FILING DATE:
January 22, 2002

GROUP:
2161

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
MC		5,410,697		Baird et al.	04-25-1995	
	1	5,551,046		Mohan et al.	08-27-1996	
		5,596,754		Lomet	01-21-1997	
	↓	5,682,537		Davies et al.	10-28-1997	

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Exam. Initial*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				

OTHER ART - NO PATENT LITERATURE DOCUMENTS

OTHER ART - NOT A PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
YJC		Rahm, E., "Concurrency and Coherency Control in Database Sharing Systems" (1993) pages 1-62.	

Examiner
Signature

Ye Yn Chen

Date Considered
9/20/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

OTHER ART – NO PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature	<i>Ye Yu Chen</i>	Date Considered <i>9/20/05</i>	
-----------------------	-------------------	-----------------------------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231